



ACQUISITION,  
TECHNOLOGY  
AND LOGISTICS

OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON  
WASHINGTON, DC 20301-3000

OCT 30 2001

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Fiscal Year 2003 Advanced Concept Technology Demonstration (ACTD) Proposals

On 22 October 2001, The Joint Requirements Oversight Council (JROC) reviewed and approved the Fiscal Year 2002 Advanced Concept Technology Demonstration (ACTD) candidate list. Upon approval by the Under Secretary of Defense (Acquisition, Technology and Logistics) and satisfaction of the thirty day Congressional notification requirement, we will announce the new ACTDs.

I am accelerating the FY 2003 ACTD submittal and review cycle to ensure that ACTDs can rapidly respond to current threats and better conform to the Military Services' Planning, Programming, and Budgeting System (PPBS) cycle. I intend to submit the FY 2003 ACTD proposals for JROC review in April 2002. This accelerated schedule requires that this office receive FY 2003 proposals not later than 15 January 2002.

ACTD proposals should address the Department's most pressing and urgent military issues. Additionally, they should support the Department's transformation goals and objectives. All proposals should begin with a statement of the problem they intend to solve and the proposed capabilities addressing this problem. I am particularly looking for transformational concepts and for concepts that satisfy the needs identified in the Joint Warfighting Capability Assessment (JWCA), the Unified CINC Integrated Priority Lists (IPLs), and Service warfighting assessment initiatives. I intend to coordinate with the Joint Staff, Unified CINC staffs and appropriate Service staffs to understand how the identified problem and desired capability of each ACTD proposal integrates with existing programs and initiatives.

FY 2003 proposed ACTD submissions should include a one to three page description of the proposal addressing the topics listed in attachment 1 and a quad chart similar to that at attachment 2. The Advanced Systems & Concepts (DUSD(AS&C)) web site at "<http://www.acq.osd.mil/actd>" provides guidance on the ACTD process that may assist in the preparation of proposals. Submit the proposals in electronic form via e-mail to the Office of the Deputy Under Secretary of Defense (AS&C), focal point Larry Goode11 at "[larry.goodell@osd.mil](mailto:larry.goodell@osd.mil)", (703)614-8436.

Sue Payton

Deputy Under Secretary of Defense  
(Advanced Systems & Concepts)

Attachments:

- (1) Proposal Outline
- (2) Example Quad Chart



## Fiscal Year 2003 Proposal Outline

1. Statement of the military problem to be addressed:
  - a. Discussion of the capabilities required to address the problem
  - b. Identification of potential measures of effectiveness and measures Of performance
2. Discussion of technologies which may potentially address the problem
  - a. Identification of possible alternative technologies to address the specific problem
  - b. Potential operational concepts for employment of each technology
  - c. Technology Readiness Level (TRL) of potential technologies
  - d. Does this technology supplement, complement or replace an existing program
3. Discussion of how the proposed ACTD will support Joint or combined operations
4. Type of demonstration/demonstrations envisioned or to be conducted, including objective outcome and goal of envisioned demonstrations
5. Estimated funding required and schedule for the ACTD
6. Perceived technical, funding and schedule risks
7. Proposed Lead Service/Agency and User Sponsor
  - a. Lead Service points of contact
  - b. Has this proposal been coordinated with the Lead Service points of Contact?
  - c. Has this proposal been coordinated with the User Sponsorpoints of contact?
  - d. Has this proposal been coordinated with the appropriate User Sponsor component?
8. Identification of potential residual assets/capabilities, to include potential ownership/supportability issues
9. Transition strategy
  - a. List relevant Lead Service/Agency transition organizations
  - b. Identify potential transition strategy and funding issues
- Io. Point(s) of contact for the ACTD. Include Name, Rank, Organization, Phone/Fax Numbers, e-mail and postal mailing address

Submit proposals in electronic form via e-mail to DUSD(AS&C). Point of contact is Mr. Larry Goodell, e-mail [larry.goodell@osd.mil](mailto:larry.goodell@osd.mil), 703-614-8436

Attachment 1

# ACTD Title

FY03 ACTD  
Candidate

- Problem Statement
- Desired Capabilities
- ACTD Objectives

- Potential Technology Solutions
- Transition/Residuals Strategy

- Participants
- Schedule

- Comments
- Risks

Attachment 2

POC: Name, Commercial Ph #, email

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